


Business Case: Reinventing Financial Operations at General Electric (GE) UK through Cloud & AI

The Challenge: Legacy Systems Hindering Financial Agility

General Electric's finance division in the UK was burdened by an aging financial infrastructure that led to **multi-million-pound inefficiencies, operational risks, and compliance bottlenecks**. The reliance on **disconnected legacy databases, error-prone manual reconciliations, and rigid financial workflows** resulted in significant business impact.

Key Issues:

- ✅ **Operational Losses:** Financial data discrepancies across business units resulted in cumulative inefficiencies of **£1.2M+ annually**.
- ✅ **Reconciliation Bottlenecks:** The lack of real-time processing led to intercompany funding mismatches that took **weeks to rectify**, hampering cash flow accuracy.
- ✅ **Regulatory Filing Risks:** Delays in financial reporting triggered **audit complications**, exposing GE to potential **regulatory fines and penalty risks**.
- ✅ **Month-End Closing Delays:** The **10-day month-end closure period** severely impacted **forecasting accuracy**, delaying strategic decision-making for leadership.

 GE needed a **radical transformation to modernize financial data management, enhance automation, and create a seamless compliance governance framework**.

The Solution: Cloud & AI-Driven Finance Transformation

To revolutionize financial operations, I led an **enterprise-wide financial modernization initiative**, leveraging **Amazon Web Services (AWS), AI-powered automation, and predictive analytics**. This transformation redefined how financial data was processed, reconciled, and governed.

Key Actions Taken:

1. Enterprise-Wide Cloud Migration & Real-Time Financial Visibility:

- ◆ Spearheaded the **end-to-end migration of GE's finance databases to AWS**, enabling instant, organization-wide financial data synchronization.
- ◆ Enhanced **cross-business unit transparency**, ensuring accurate, real-time financial reporting.
- ◆ Reduced intercompany funding reconciliation time from **weeks to minutes**, drastically improving cash flow accuracy.

2. AI-Driven Financial Automation & Risk Management:

- ◆ Deployed **advanced AI reconciliation frameworks**, eliminating **80% of manual financial reporting errors**, boosting overall financial accuracy.
- ◆ Automated **100% of intercompany transactions**, ensuring instant validation and eliminating financial mismatches.

◆ Integrated **predictive risk analytics**, proactively detecting discrepancies before they became financial reporting liabilities.

3. Governance, Compliance & Regulatory Alignment:

◆ Established a **centralized financial risk governance framework**, ensuring seamless **regulatory compliance** with **IFRS and UK SOX standards**.

◆ Introduced **automated compliance verification**, reducing regulatory filing errors and mitigating risks of non-compliance penalties.

4. Predictive Month-End Closing Optimization:

◆ Implemented **real-time AI-powered dashboards**, allowing finance teams to preemptively address bottlenecks in closing processes.

◆ Reduced **month-end closing times by 40%**, enabling leadership to access real-time, high-precision financial insights for strategic decision-making.



The Business Impact: A Data-Driven, Risk-Free Finance Ecosystem

✓ **40% faster** month-end financial closing, enabling instant access to financial health insights.

✓ **80% reduction** in financial reporting errors, ensuring audit-ready accuracy.

✓ **100% automation** of intercompany reconciliation, eliminating financial mismatches.

✓ **Eliminated regulatory risks**, making compliance audits smooth, predictable, and **100% penalty-free**.



By integrating AI-powered automation and a **cloud-first financial ecosystem**, GE's financial operations transitioned from **reactive to predictive**, empowering **executive leadership with real-time, data-driven decision-making capabilities**.